

Westlake weekly air monitoring update (Friday 8/8/14).

Goal: Develop an air monitoring plan to sample for landfill constituents (COC's, RIM), in conjunction with the PRP, prior to and during the construction of the isolation barrier (IB) being built to contain the RIM in OU-1, that could be impacted by the SSE or landfill fire.

Data: Separate phone calls made to RERT, ERT, EPA, START concerning air monitoring set up, data acquisition, VIPER & Deployment manager format, sampling lab, calibrations, and response limits & levels. Trying to figure out a way to tie local meteorological data stations with our ambient air monitoring system (Eric Nold - contacted ERT Viper programmer to determine met station requirements for met data to be pulled into viper system [NOAA app or met station with a Lync are the only options]).

Equipment: EPA/START replaced the 1.5' gooseneck extension pipes with 3' extension pipes so that the height of the inlets for all air monitoring is now at approximately 73 inches instead of 55 inches. This was the max height that was allowed due to the security cage at Spanish village (pictures have been posted to OSC.net).

ECAM: Still waiting on NRC license to possess/use radioactive materials (RAM). Tom Mahler is working on the Gateway Lync issue to try and get VIPER on-line.

QAPP: The DQO team is making progress toward an overall site air monitoring QAPP.

Media: No items of media interests were generated at this location this week.

Issues/concerns/comments: A series of storms rolled through on Tuesday night / Wednesday morning which caused the Pattonville#3 station and Spanish Village station to have a power outage due to breakers being thrown.

The City of St. Charles is painting buildings and roads near the fire department location. The AreaRaes have shown a slight rise in VOC's during this period, but no readings have exceeded any action levels and no concerns have been raised by the public.

Traffic congestion at Taussig Road & St. Charles Rock Road, along with the industrial sites of Hussman and Virbac Animal Health may impact background monitoring levels at the EPA trailer location.

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